

	Document ID	Issue Date	Pages	Title	Current OR
1	US 20070146185 A1	20070628	19	Sample rate conversion combined with DSM	341/143
2	US 20050275576 A1	20051215	20	SYSTEMS AND METHODS FOR ANALOG TO DIGITAL CONVERSION	341/155
3	US 20050219096 A1	20051006	52	Beamformed ultrasonic imager with delta-sigma feedback control	341/143
4	US 20050156771 A1	20050721	31	Look-ahead delta sigma modulator having an infinite impulse response filter with multiple look-ahead outputs	341/143
5	US 20050156768 A1	20050721	31	Look-ahead delta sigma modulator with quantization using natural and pattern loop filter responses	341/143
6	US 20050156764 A1	20050721	8	Clocked DAC current switch	341/133
7	US 20040263365 A1	20041230	19	Look-up table delta-sigma conversion	341/77
8	US 20040233081 A1	20041125	12	Analog-to-digital converter with correction of offset errors	341/118
9	US 20040021595 A1	20040205	48	Method and system for implementing a sigma delta analog-to-digital converter	341/144
10	US 20030231125 A1	20031218	53	Beamformed ultrasonic imager with delta-sigma feedback control	341/143
11	US 20030128143 A1	20030710	17	Optically sampled delta-sigma modulator	341/143
12	US 20020163454 A1	20021107	16	PHOTONIC PARALLEL ANALOG-TO-DIGITAL CONVERTER	341/137
13	US 20020126028 A1	20020912	12	Process for compensating matching errors in analog/digital converters with cascaded structure and a corresponding converter	341/120

	<b>Inventor</b>
<b>1</b>	Kang; Chang Yong et al.
<b>2</b>	Fudge, Gerald L. et al.
<b>3</b>	Freeman, Steven R. et al.
<b>4</b>	Melanson, John L.
<b>5</b>	Melanson, John L.
<b>6</b>	Cosand, Albert E.
<b>7</b>	Robinson, Ian Stuart et al.
<b>8</b>	Cesura, Giovanni et al.
<b>9</b>	Erdogan, Alper Tunga et al.
<b>10</b>	Freeman, Steven R. et al.
<b>11</b>	Yap, Daniel et al.
<b>12</b>	Yap, Daniel et al.
<b>13</b>	Feste, Sandro Dalle et al.

	Document ID	Issue Date	Pages	Title	Current OR
14	US 20020105449 A1	20020808	13	Multi-bit sigma-delta analog to digital converter with a variable full scale	341/139
15	US 20020008651 A1	20020124	9	Segmented high speed and high resolution digital-to-analog converter	341/144
16	US 20010043153 A1	20011122	18	Data acquisition system using delta-sigma analog-to-digital signal converters	341/143
17	US 7190288 B2	20070313	19	Look-up table delta-sigma conversion	341/106
18	US 7187312 B2	20070306	31	Look-ahead delta sigma modulator having an infinite impulse response filter with multiple look-ahead outputs	341/143
19	US 7170434 B2	20070130	31	Look-ahead delta sigma modulator with quantization using natural and pattern loop filter responses	341/143
20	US 7158062 B2	20070102	7	Clocked DAC current switch	341/143
21	US 7138935 B1	20061121	15	Low noise digital to signal interval converter with audio applications	341/144
22	US 7091894 B2	20060815	20	Systems and methods for analog to digital conversion	341/155
23	US 7084791 B2	20060801	13	Analog-to-digital converter with correction of offset errors	341/118
24	US 6987474 B2	20060117	47	Beamformed ultrasonic imager with delta-sigma feedback control	341/143
25	US 6956517 B1	20051018	26	Systems and methods for multi-channel analog to digital conversion	341/155
26	US 6954162 B2	20051011	37	Low power, high SNR, high order delta sigma modulator stage having integrators with pipelined cross coupled input circuits	341/143
27	US 6867720 B1	20050315	48	Beamformed ultrasonic imager with delta-sigma feedback control	341/143
28	US 6809672 B2	20041026	39	Low power, high SNR, high order delta sigma modulator stage having integrators with pipelined cross coupled input circuits	341/143
29	US 6801148 B2	20041005	48	Beamformed ultrasonic imager with delta-sigma feedback control	341/143

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14	Schreier, Richard et al.
15	Bugeja, Alexander et al.
16	Gordon, Bernard M. et al.
17	Robinson; Ian Stuart et al.
18	Melanson; John L.
19	Melanson; John L.
20	Cosand; Albert E.
21	Damphousse; Simon et al.
22	Fudge; Gerald L. et al.
23	Cesura; Giovanni et al.
24	Freeman; Steven R. et al.
25	Baker; E. Scott et al.
26	Gupta; Sandeep K.
27	Freeman; Steven R. et al.
28	Gupta; Sandeep K.
29	Freeman; Steven R. et al.

	Document ID	Issue Date	Pages	Title	Current OR
30	US 6795002 B2	20040921	32	Gain scaling for higher signal-to-noise ratios in multistage, multi-bit delta sigma modulators	341/143
31	US 6788236 B2	20040907	42	Method and system for implementing a sigma delta analog-to-digital converter	341/155
32	US 6781533 B2	20040824	18	Optically sampled delta-sigma modulator	341/143
33	US 6750795 B2	20040615	26	Gain scaling for higher signal-to-noise ratios in multistage, multi-bit delta sigma modulators	341/143
34	US 6657571 B2	20031202	18	Data acquisition system using delta-sigma analog-to-digital signal converters	341/143
35	US 6567025 B2	20030520	11	Multi-bit sigma-delta analog to digital converter with a variable full scale	341/143
36	US 6525682 B2	20030225	15	Photonic parallel analog-to-digital converter	341/137
37	US 6424283 B1	20020723	9	Segmented high speed and high resolution digital-to-analog converter	341/145
38	US 6404369 B1	20020611	8	Digital to analog converter employing sigma-delta loop and feedback DAC model	341/143
39	US 6252531 B1	20010626	18	Data acquisition system using delta-sigma analog-to-digital signal converters	341/143
40	US 6150969 A	20001121	42	Correction of nonlinear output distortion in a Delta Sigma DAC	341/143
41	US 5982317 A	19991109	35	Oversampled digital-to-analog converter based on nonlinear separation and linear recombination	341/143
42	US 5964708 A	19991012	47	Beamformed ultrasonic imager with delta-sigma feedback control	600/447
43	US 5815102 A	19980929	36	Delta sigma pwm dac to reduce switching	341/143
44	US 5801652 A	19980901	26	Pattern dependent noise reduction in a digital processing circuit utilizing image circuitry	341/131
45	US 5719572 A	19980217	25	Digital signal processor with reduced pattern dependent noise	341/131
46	US 5648778 A	19970715	89	Stereo audio CODEC	341/110
47	US 5646621 A	19970708	90	Delta-sigma ADC with multi-stage decimation filter and gain compensation filter	341/143

48	US 5598158 A	19970128	91	Digital noise shaper circuit	341/143
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30	Gupta; Sandeep K.
31	Erdogan; Alper Tunga et al.
32	Yap; Daniel et al.
33	Gupta; Sandeep K.
34	Gordon; Bernard M. et al.
35	Schreier; Richard et al.
36	Yap; Daniel et al.
37	Bugeja; Alexander et al.
38	Sheen; Timothy W.
39	Gordon; Bernard M. et al.
40	Melanson; John Laurence
41	Steensgaard- Madsen; Jesper
42	Freeman; Steven R. et al.
43	Melanson; John Laurence
44	Gong; Xue Mei
45	Gong; Xue Mei
46	Linz; Alfredo R. et al.
47	Cabler; Carlin Dru et al.
48	Linz; Alfredo R.

	Document ID	Issue Date	Pages	Title	Current OR
49	US 5589830 A	19961231	94	Stereo audio codec	341/110
50	US 5585802 A	19961217	92	Multi-stage digital to analog conversion circuit and method	341/144
51	US 5579004 A	19961126	93	Digital interpolation circuit for a digital-to-analog converter circuit	341/144
52	US 5243344 A	19930907	91	Digital-to-analog converter--preamplifier apparatus	341/143



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<b>49</b>	Linz; Alfredo R. et al.
<b>50</b>	Cabler; Carlin D. et al.
<b>51</b>	Linz; Alfredo R.
<b>52</b>	Koulopoulos; Michael A. et al.